consisting of hydrogen, a C₁ to C₆ alkyl, a C₁ to C₆ alkoxy, a C₂ to C₆ alkenyl, and a C₆ to C₁₂ aryl;

$$X_1 \\ X_2$$
 (4)

where X₁ and X₂ are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br;

$$\begin{array}{c} 0 \\ 0 \\ X_4 \end{array} \tag{5}$$

where X_3 and X_4 are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br; and

$$R_8$$
 (6)

where Y_3 is selected from the group consisting of N, O, and S, and preferably N; Y_4 is NR' (where R' is hydrogen or a C_1 to C_6 alkyl), O, S, or preferably NH; and R₈ is selected from the group consisting of hydrogen, a C_1 to C_6 alkyl, a C_1 to C_6 alkoxy, a C_2 to C_6 alkenyl, a C_6 to C_{12} aryl, and an acetyl.

Please REPLACE the paragraph beginning at page 8, line 20, with the following paragraph:

Map 3/16/09

[0038] An electrolyte of the present invention is prepared by adding at least one compound from a group of additive compounds having the following formulas (1) to (6) to a non-aqueous solvent including lithium salts:

$$R_1 \xrightarrow{R_3} R_2$$

$$R_4 \xrightarrow{R_4} R_4$$
(1)